



Science Bee 2018

Level 2



**A Catalyst For Better Education In India  
Science Bee Contest 2018  
Level 2**

Name of the student: \_\_\_\_\_  
Parent Cell Phone: \_\_\_\_\_  
Student Grade: \_\_\_\_\_

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**Score Card**

For the use of Science Bee coordinator ONLY:

Score [1-35] : \_\_\_\_\_  
Score [36-40] : \_\_\_\_\_  
Total Score : \_\_\_\_\_



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- 1. What kind of a plant will a seed grow into?**
  - A. Same kind as parent plant
  - B. New variety of plant every time
  - C. The kind you want
  - D. None of the above
  
- 2. Leaf is \_\_\_\_\_**
  - A. The part of a plant that grows on a stem
  - B. The food-making factory of a plant.
  - C. Flat structure to catch light,
  - D. All of the above
  
- 3. The hard, protective outer covering of a seed.**
  - A. Seed protector
  - B. Seed cover
  - C. Seed coat
  - D. Seed sac
  
- 4. An individual form of life of one or more cells that maintains various vital processes necessary for life.**
  - A. Wood
  - B. Light
  - C. Magnet
  - D. Organism



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- 5. The passage of biological traits or characteristics from parents to offspring through the inheritance of genes.**
- A. Hereditary
  - B. Science
  - C. Offspring
  - D. Family
- 6. Invertebrates make up the largest animal group on Earth.**
- A. True
  - B. False
  - C. Cannot measure
- 7. An animal with symmetry has body parts that match other body parts around a midpoint or central \_\_\_\_\_**
- A. Joint
  - B. Line
  - C. Muscle
  - D. Leader
- 8. The entire sequence of events in an organism's growth, development, and reproduction is called \_\_\_\_\_**
- A. Movie
  - B. Sequence
  - C. Life cycle
  - D. All of the above



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**9. A force that pulls objects closer to earth**

- A. Gravity
- B. Strength
- C. Push
- D. Power

**10. The movement of an object from one place to another**

- A. Friction
- B. Motion
- C. A and B
- D. None of the above

**11. Decrease in speed is**

- A. Deceleration
- B. Acceleration
- C. Demotion
- D. Motion

**12. This state of matter will have a definite shape and takes up a definite amount of space**

- A. Liquid
- B. Gas
- C. Solid
- D. All of the above



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**13. The place where an organism lives**

- A. Habitat
- B. Space
- C. Hut
- D. B and C

**14. An organism that feeds on other organisms for food.**

- A. Producer
- B. Director
- C. Consumer
- D. All of the above

**15. A mixture in which pure substances are unevenly distributed throughout the mixture.**

- A. Homogeneous
- B. Heterogeneous
- C. Both A and B
- D. None of the above

**16. How high or low a sound is defined by**

- A. Pitch
- B. Volume
- C. Wavelength
- D. Voice



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**17. Objects that allow light to pass easily through them**

- A. Opaque
- B. Mirror
- C. Transparent
- D. All of the above

**18. Something that gives off heat when it is burned \_\_\_\_\_**

- A. Air
- B. Space
- C. Land
- D. Fuel

**19. \_\_\_\_\_ is the path that an object follows**

- A. Instruction
- B. Direction
- C. A and B
- D. None of the above

**20. To press upon or against a thing with force to move it away is \_\_\_\_\_**

- A. Push
- B. Pull
- C. Gravity
- D. Force



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21. \_\_\_\_\_ is when wind and water break down rocks into smaller pieces
- A. Rusting
  - B. Breaking
  - C. Weathering
  - D. All the above
22. \_\_\_\_\_ means no longer living
- A. Extinct
  - B. Abolished
  - C. Archaic
  - D. All of the above
23. \_\_\_\_\_ is flat triangle of land that forms when a river meets larger body of water
- A. Delta
  - B. Canal
  - C. Ocean
  - D. Lake
24. \_\_\_\_\_ is the scientific study of the origin, history, and structure of the Earth.
- A. Paleontology
  - B. Geology
  - C. Earthology
  - D. Physiology



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**25. \_\_\_\_\_ is any form of water that falls from the sky**

- A. Deposition
- B. Clouds
- C. Shooting star
- D. Precipitation

**26. \_\_\_\_\_ is a person who studies the weather**

- A. Meteorologist
- B. Astrologist
- C. Anthropologist
- D. Psychologists

**27. The \_\_\_\_\_ is the layer of the Earth between the crust and the core.**

- A. Lithosphere
- B. Asthenosphere
- C. Outer Core
- D. Mantle

**28. A group of stars that forms a pattern is called \_\_\_\_\_**

- A. Constellation
- B. Dwarf stars
- C. Supergiant stars
- D. Main sequence stars





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- 29. Cold-blooded animals with backbones and lungs are grouped as \_\_\_\_\_**
- A. Birds
  - B. Reptiles
  - C. Mammals
  - D. All of the above
- 30. When will your shadow be the longest?**
- A. Early morning and late afternoon
  - B. Early Morning only
  - C. Late Afternoon only
  - D. Mid-Day
- 31. It is called a \_\_\_\_\_ when an insect goes through four stages as it grows and develops**
- A. Incomplete Metamorphosis
  - B. Complete Metamorphosis
  - C. Metamorphosis
  - D. None of the above
- 32. Questions that can be answered by conducting experiments, observing and collecting data. Also called testable questions.**
- A. Logical Questions
  - B. Curious Questions
  - C. Interesting Questions
  - D. Investigative Questions



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#### **33. Types of rocks**

- A. Sedimentary
- B. Igneous
- C. Metamorphic
- D. All of the above

#### **34. ----- tells you how much food you need**

- A. Appetite
- B. Taste
- C. Stomach
- D. Time

#### **35. Ways to identify rocks**

- A. Texture, Color
- B. Size, Hardness
- C. A and B
- D. None of the above

#### **36. A process that uses science process skills as tools to gather, organize, analyze, and communicate information.**

- A. Known Method
- B. New Method
- C. Great Method
- D. Scientific method



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**37. Which of the following statement is False:**

- A. The sense of smell is affected by the sense of *taste*
- B. Thigmotropism is a *fast* movement towards stimulus
- C. The retina contains photoreceptors that *detect* light stimuli
- D. All of the above

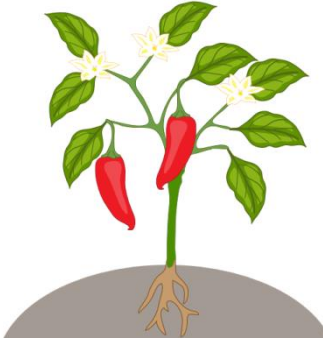
**38. Magnets have \_\_\_\_\_**

- A. Two poles
- B. Three poles
- C. Four Poles
- D. East pole and West pole

**39. Bones protect \_\_\_\_\_**

- A. Skin, Hair, Heart
- B. Heart, Lungs, Hair
- C. Lungs, Heart, Brain
- D. Brain, Hair Skin

**40. Label part/s of the plant that transports water and nutrients from the roots to the leaves**





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### Level2 Answer Keys:

SNo	Answer
1	A
2	D
3	C
4	D
5	A
6	A
7	B
8	C
9	A
10	B
11	A
12	C
13	A
14	C
15	B
16	A
17	C
18	D
19	B
20	A
21	C
22	D
23	A
24	B
25	D
26	A
27	D
28	A
29	B
30	A
31	B
32	D
33	D



## Science Bee 2018

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34	A
35	C
36	D
37	B
38	A
39	C
40	Stem